

WHAT IS CLAIMED IS:

1. A dispenser (1) for filling a to-be-filled part (3) with a hardenable, viscous, pasty compound (6), comprising a multi-part housing (21) having telescopingly arranged within each other, telescoping housing parts (22, 23) and a dispensing opening (9); a supply chamber (16) for storing the hardenable, viscous, pasty compound (6); a variable pump chamber (17) for delivering the compound through the dispensing opening (9) and adjoining the supply chamber (16); a cover (18) for covering the pump chamber (17) and displaceable relative to the pump chamber (17) between a first position, in which the pump chamber (17) has an initial volume, and a second position in which the pump chamber (17) has a reduced volume; and a reset spring (32) arranged outside of the pump chamber (17) for returning the pump chamber cover (18) to the first position thereof,

wherein delivery of the compound (6) through the dispensing opening (9) is effected by applying a compression force to a rear, with respect to a delivery direction, side of the housing (21), whereby the dispensing opening (9) is pressed against the to-be-filled part (3), and the volume of the pump chamber (17) is reduced as a result of the pump chamber cover (18) being displaced to the second position thereof resulting from a telescopic displacement of the housing parts (22, 23) toward each

other under action of the compression force applied to the rear side of the housing (21), and

wherein the pump chamber (17) is refilled by the compound (6) upon removal of the compression force and displacement of the pump chamber cover (18) to the first position thereof as a result of movement of the housing parts away from each other under action of a biasing force of the reset spring (32).

2. A dispenser according to Claim 1 further comprising a lever transmission system for telescopically connecting the housing parts (22, 23).

3. A dispenser according to Claim 2, further comprising a ring member (42) associated with one of the housing parts (23), the lever transmission system acting between the ring member (42) and another of the housing parts (22).

4. A dispenser according to Claim 1, wherein the housing (21) includes an upper housing part (24) to which the compression force is applied, the housing parts (22, 23) being displaceable relative to the upper housing part (24).

5. A dispenser according to one Claim 1, wherein the dispenser (1) comprises operating part (I), and a replaceable supply part (II), and wherein the telescoping housing parts (22, 23) and the upper housing part (24) are provided on

the operating part (I) and the dispensing opening (9), the pump chamber (17), and the supply chamber (16) are provided on the supply part (II).

6. A dispenser according to Claim 5, wherein the operating part (I) has a receptacle (26) for receiving the supply part (II) and opening transverse to the delivery direction.

7. The dispenser according to Claim 6 wherein during pushing of the supply part (II) into the receptacle (26), both an axial locking relative to the pump cover (18) and relative to the supply magazine (16) occurs with each one of the telescoping housing parts (22, 23).

8. A dispenser according to Claim 1, further comprising a mixing path (7) located in the dispensing opening (9) and downstream of the pump chamber (17).

9. A dispenser according to Claim 1, further comprising a filling column (62) associated with the supply chamber (16) and having a stopper (63) for determining a volume of the compound (6).

10. A supply part for a dispenser for filling a to-be-filled part (3) with a hardenable, viscous pasty compound (6), comprising a multi-part housing (21) having telescopically arranged within each other, telescoping housing parts (22, 23)

and a dispensing opening (9); a supply chamber (16) for storing the hardenable, viscous, pasty compound (6); a variable pump chamber (17) for delivering the compound through the dispensing opening (8) and adjoining the supply chamber (16); a cover (18) for covering the pump chamber (17) and displaceable relative to the pump chamber (17) between a first position, in which the pump chamber (17) has an initial volume, and a second position in which the pump chamber (17) has a reduced volume; and a reset spring (32) arranged outside of the pump chamber (17) for biasing the pump chamber cover (18) to the first position thereof, the supply part (II) comprising the supply chamber (16), the pump chamber (17), and the dispensing opening (9) configured at a mouthpiece (8) connected to a pump chamber cover (18) and having a first locking formation, and that the storage chamber (16) is configured with a second locking formation.

11. A supply part according to Claim 10 comprising a two-chamber element with each chamber having an outlet, and conduit means communicating the outlets with the mouthpiece (8) and including a mixing path (7) in which two components of the compound (6) intermix.

12. A supply part according to Claim 11, wherein the two-chamber element is formed of two cartridges (15).

13. A dispenser according to claim 1, further comprising means for displacing the pump chamber cover (18) to the first position thereof upon displacement of the housing parts (22, 23) away from each other under the action of the biasing force of the reset spring (32).

14. A dispenser according to claim 1, comprising means for converting a biasing force of the reset spring (32) into a pulling force for displacing the pump chamber cover (18) from the second position thereof to the first position thereof.

15. A dispenser according to claim 1, further comprising means for adjusting a displacement path of the telescopic displacement of the housing parts (22, 23) relative to each other.

16. A dispenser according to claim 1, wherein the pump chamber (17) is formed by a roll bellows (19).